

# SAFETY DATA SHEET

## ALOCIT 28.15 STANDARD GREY RAL7004



### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

**PRODUCT NAME:** ALOCIT 28.15 STANDARD GREY RAL7004  
**PRODUCT NO:** AS32606A  
**SUPPLIER:** A&E SYSTEMS LIMITED, 3 CHARLES WOOD ROAD, DEREHAM, NR19 1SX, UK  
Tel: +44 (0)1362 694915 Fax: +44 (0)1362 695350 Email: uk@ae-sys.com

**NOTE:** All information relates to unmixed resin - see hardener MSDS for further information on product before use.  
Mixed and cured product is inert, environmental risk from cured product is negligible - see Section 16.

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME	CAS No.:	EC No:	CLASSIFICATION	CONTENT
CRESYL GLYCIDYL ETHER	26447-14-3	247-711-4	Xi ,N R-38, R43, R51/53, R68 Muta3	10-20%
EPOXY RESIN (Number average MW <= 700 )	25068-38-6	500-033-5	Xi ,N R-36/38, R43, R51/53	30-40%
XYLENE	1330-20-7	215-535-7	R10 Xn; R20/21 Xi; R38	<1%
Polyamine/ fatty acid concentration polymer	120026-50-8		Xi; R38, R43	<1%
1- METHOXY-2- PROPANOL	107-98-2	203-539-1	R10	<1%
Bisphenol F- epichlorohydrin resin with Number Average Molecular <700	28064-14-4		Xi; R36/38, N; R51/53, R43	<1%

The Full Text for all R-Phrases are Displayed in Section 16

### 3. HAZARDS IDENTIFICATION

May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. possible risk of irreversible effects. CLASSIFICATION- Mut 3; R68, Xi; R36/38, R43, N; R51/53

### 4. FIRST AID MEASURES

**INHALATION:** Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

**INGESTION:** DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately!

**SKIN:** Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if any discomfort continues.

**EYES:** Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention. Get medical attention promptly if symptoms occur after washing.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Water. Foam. Carbon dioxide (CO2). Dry chemicals, sand, dolomite etc.

**SPECIAL FIRE FIGHTING PROCEDURES:** Use special protective clothing. Regular protection may not be safe. Avoid breathing fire vapours. If risk of water pollution occurs, notify appropriate authorities.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** Fire causes formation of toxic gases.

**HAZARDOUS COMBUSTION PRODUCTS:** Fire or high temperatures create: Toxic gases/vapors/fumes of: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

## 6. ACCIDENTAL RELEASE MEASURES

**SPILL CLEANUP METHODS:** Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Runoff or release to sewer, waterway or ground is forbidden.

## 7. HANDLING AND STORAGE

**USAGE PRECAUTIONS:** Avoid spilling, skin and eye contact.

**STORAGE PRECAUTIONS:** Store in tightly closed original container in a cool, dry well-ventilated place.

**STORAGE CRITERIA:** Chemical storage.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

NAME	STD	LT-PPM	LT-MG/M3	ST-PPM	ST-MG/M3
XYLENE	WEL	50 ppm (SK)	220 mg/m <sup>3</sup> (SK)	100 ppm (SK)	441 mg/m <sup>3</sup> (SK)
1-METHOXY- 2-PROPANOL	WEL	100 ppm (SK)	375 mg/m <sup>3</sup> (SK)	150 ppm (SK)	560 mg/m <sup>3</sup> (SK)

**PROTECTIVE EQUIPMENT:**



**PROCESS CONDITIONS:** Provide eyewash station.

**VENTILATION:** Provide adequate general and local exhaust ventilation.

**PROTECTIVE GLOVES:** Chemical resistant gloves required for prolonged or repeated contact.

**EYE PROTECTION:** Wear approved safety goggles.

**OTHER PROTECTION:** AVOID ALL SKIN AND RESPIRATORY CONTACT! Wear appropriate clothing to prevent any possibility of skin contact.

**HYGIENIC WORK PRACTICES:** Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**ODOUR/TASTE:** Characteristic.

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under normal temperature conditions. Avoid: Contact with acids.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Toxic gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

## 11. TOXICOLOGICAL INFORMATION

**INHALATION:** Vapour may irritate respiratory system or lungs.

**INGESTION:** Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

**SKIN:** Irritating to skin. May cause sensitisation by skin contact.

**EYES:** Irritation of eyes and mucous membranes.

## 12. ECOLOGICAL INFORMATION

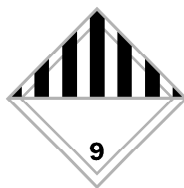
**ECOLOGICAL INFORMATION:** Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS:** Dispose of in accordance with Local Authority requirements.

## 14. TRANSPORT INFORMATION

**LABEL FOR CONVEYANCE:**



UN No. ROAD:	3082
UK ROAD TRANSPORT CLASS:	9
UK ROAD PACK GR.:	III
ADR CLASS No.:	9
ADR CLASS:	Class 9: Miscellaneous dangerous substances and articles.
ADR PACK GR.	III
ADR LABEL No:	9
HAZCHEM CODE:	2X
CEFIC TEC(R) No.:	90GM6-III
PROPER SHIPPING NAME I:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol F - epichlorohydrin resin with number average molecular <700)
RID CLASS No:	9
RID PACK GR.	III
UN No. SEA:	3082
IMDG CLASS:	9
IMDG PACK GR.:	III
EmS No.:	F-A, S-F
MFAG TABLE No.:	See Guide
MARINE POLLUTANT:	No.
UN No., AIR:	3082
ICAO CLASS:	9
AIR PACK GR:	III

## 15. REGULATORY INFORMATION

**LABEL FOR SUPPLY:**



Harmful



Dangerous for  
the environment

**CONTAINS:** EPOXY RESIN (Number average MW <700) CRESYL GLYCIDYL ETHER

**RISK PHRASES:** R-36/38 Irritating to eyes and skin.  
R-43 May cause sensitisation by skin contact.  
R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R-68 Possible risk of irreversible effects.

**SAFETY** P-5 Contains epoxy constituents. See information supplied by the manufacturer.  
**PHRASES:** S-24/25 Avoid contact with skin and eyes.  
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S-36/37 Wear suitable protective clothing and gloves.  
S-60 This material and its container must be disposed of as hazardous waste.  
S-61 Avoid release to the environment. Refer to special instructions/Safety Data Sheets.

**UK REGULATORY REFERENCES:** Chemicals (Hazard Information & Packaging) Regulations.

**APPROVED CODE OF PRACTICE:** Safety Data Sheets for Substances and Preparations L62. Classification and Labelling of Substances and Preparations Dangerous for Supply.

## 16. OTHER INFORMATION

**RISK PHRASES (Full Text):** R-36/38 Irritating to eyes and skin. R-43 May cause sensitisation by skin contact R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-38 Irritating to skin. R-68 Possible risk of irreversible effects. R-10 Flammable. R-20/21 Possible risk of irreversible effects.

**Uncured Resin:** All risk statements refer to unmixed resin product. Users should also check MSDS for hardener before mixing and be aware that, once resin and hardener are mixed and cured, product is inert.

**Cured product:** Solidified (cured) epoxy products are inert and relatively harmless, traces of residual components may be left on the surface. Abrading or sanding cured coatings will generate dust or particles that should not be inhaled or ingested, wet surfaces where possible before abrading. Provide ventilation, wear a suitable mask, gloves and cover exposed skin to prevent contact with the dust.

Revision Date: 10/2008 Replaces all versions

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### AUSTRALIA

A & E Systems PTY Limited, 3/20 Clark Court, Bibra Lake, Perth WA 6163, Australia  
Tel: +61 (0)8 94183688 Fax: +61 (0)8 94183588 Email: [aus@ae-sys.com](mailto:aus@ae-sys.com)

### EUROPE

A & E Systems Ltd, 3 Charles Wood Road, Dereham, NR19 1SX, UK  
Tel: +44 (0)1362 694915 Fax: +44 (0)1362 695350 Email: [uk@ae-sys.com](mailto:uk@ae-sys.com)

### MALAYSIA

A & E Systems Sdn Bhd, No 37B, Jalan USJ 21/11, UEP Subang Jaya, 47600 Subang Jaya, Selangor, Malaysia  
Tel: +60 (0)3 80246277 Fax: +60 (0)3 80236090 Email: [mal@ae-sys.com](mailto:mal@ae-sys.com)

### USA

A & E Systems Anti-Corrosion Systems LLC, 150 Hilden Road, Ste #301, Ponte Vedra, Florida 32081, USA  
Tel: +1 904 819-8985 Fax: +1 904 819-1430 Email: [usa@ae-sys.com](mailto:usa@ae-sys.com)

**[www.ae-sys.com](http://www.ae-sys.com)**